Serial No.: DIVN. of USSN 09/320,543   Attorney's Docket No.:FUR0005-DIV.2
Art Unit: Not yet Assigned   Page 7
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REMARKS

This application is a division of U.S. Patent Application Serial No. 09/320,543, filed May 27, 1999.

Claims 1-40 were originally filed. In this Preliminary Amendment, Applicant has canceled claims 1-40 and added new claims 41-52. Accordingly, claims 41-52 will be pending herein upon entry of this Preliminary Amendment, prior to calculation of the filing fee and examination on the merits. No new matter has been added.

Applicant respectfully requests a favorable action on the merits of the pending claims. Should the Examiner have any questions or determine that any further action is desirable to place this application in condition for issue, the Examiner is encouraged to telephone Applicant's undersigned representative at the number listed below.

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Date: October 30, 2003   By: _____
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MDB/ggb

FIG.2

FIRST EMBODIMENT(GENERAL CONFIGURATION)
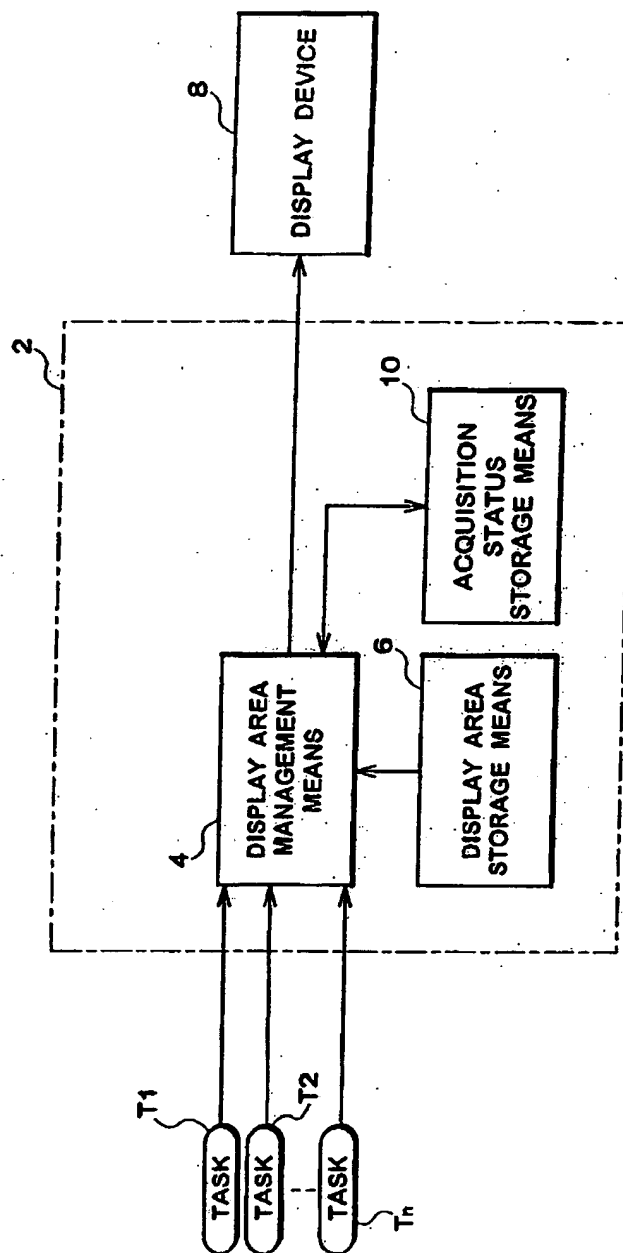
FIG.3

FIRST EMBODIMENT (HARDWARE CONFIGURATION)

FIG.4

34:AV DECODER

FROM TS DECODER 32 → **41 DECOMPRESSION CIRCUIT** → **42 V-RAM** → **44 COMPOSITE SIGNAL GENERATION CIRCUIT** → TO TV SET36

FROM CPU12 →
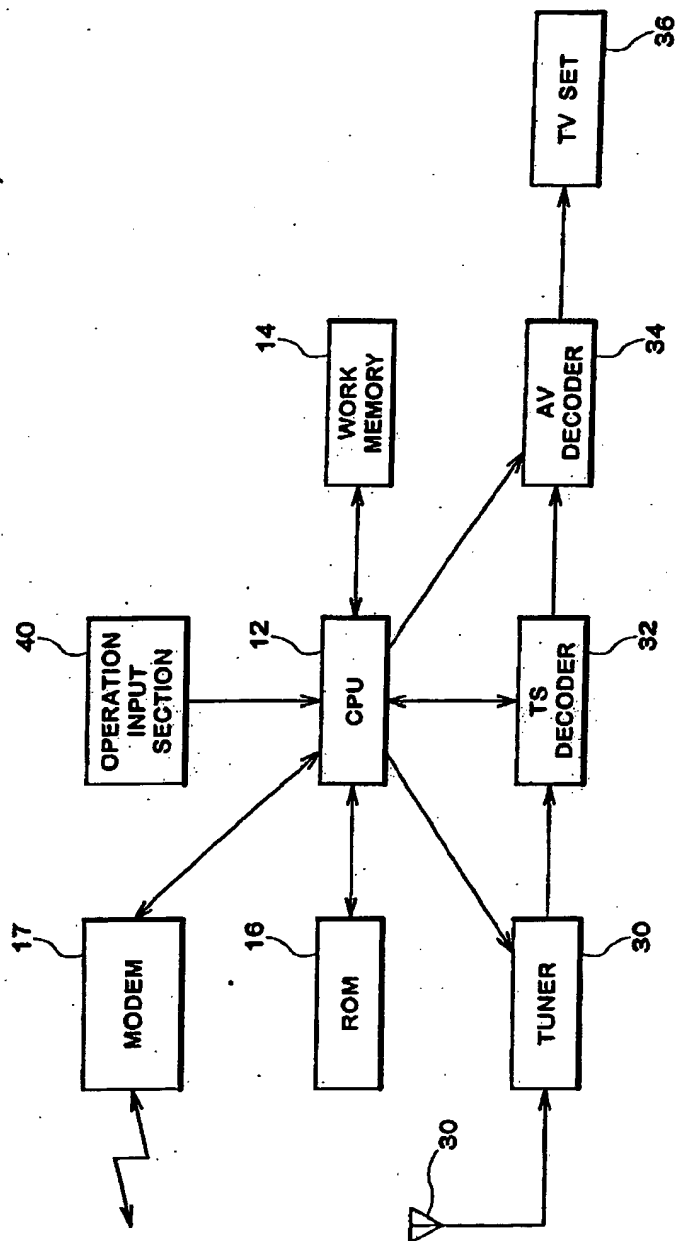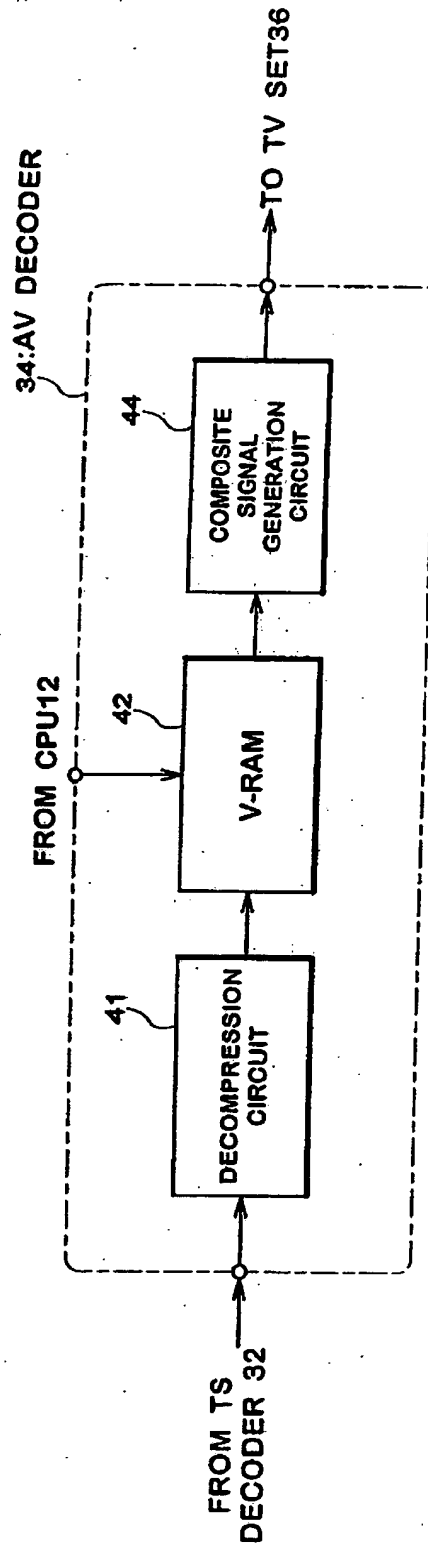
FIG.6

DISPLAY AREA DEFINITION TABLE

AREA	ORIGIN COORDINATE	WIDTH	HEIGHT	REMARKS
E1	(0, 0)	340	210	UPPER LEFT HALF SCREEN AREA
E2	(340, 0)	340	210	UPPER RIGHT HALF SCREEN AREA
E3	(0, 210)	680	210	LOWER HALF SCREEN AREA

FIG.13

SECOND EMBODIMENT(GENERAL CONFIGURATION)

DISPLAY DEVICE

8

2

20
COEXISXTENCE RELATIONSHIP STORAGE MEANS

10
ACQUISITION STATUS STORAGE MEANS

22
DISPLAY PROCESSING SUPERVISORY MEANS

4
DISPLAY AREA MANAGEMENT MEANS

6
DISPLAY AREA STORAGE MEANS

TASK
TASK
TASK
T_{11}
T_{12}
T_{1m}
R_1

TASK
TASK
T_{21}
T_{2m}
R_2

R_n
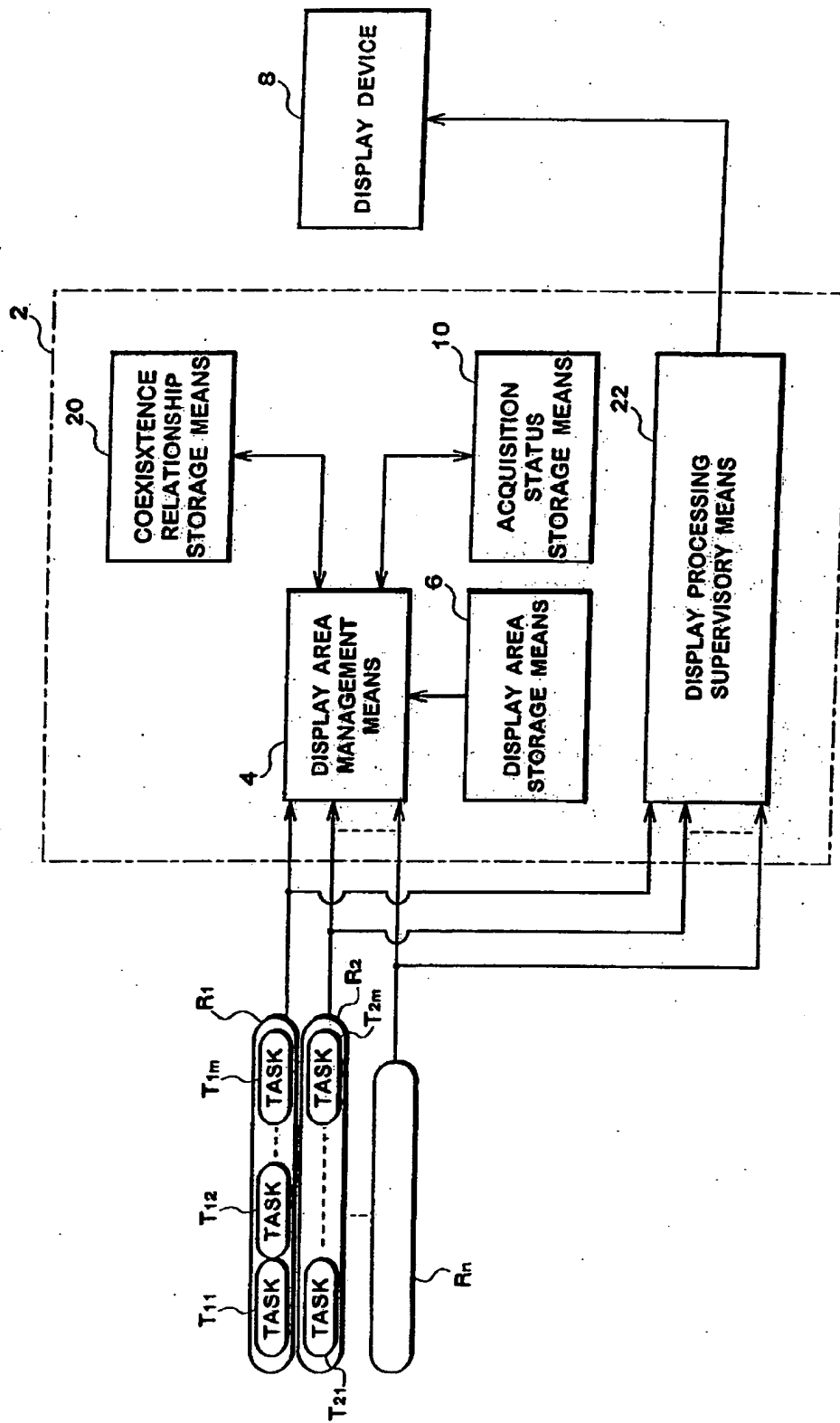
FIG.15

DISPLAY AREA DEFINITION TABLE

AREA	ORIGIN COORDINATE	WIDTH	HEIGHT	REMARKS
E1	(0, 0)	680	420	ENTIRE SCREEN AREA
E2	(0, 0)	340	420	LEFT HALF SCREEN AREA
E3	(340, 0)	340	420	RIGHT HALF SCREEN AREA
E4	(0, 0)	680	210	UPPER HALF SCREEN AREA
E5	(0, 210)	680	210	LOWER HALF SCREEN AREA

FIG.32

FIFTH EMBODIMENT(GENERAL CONFIGURATION)
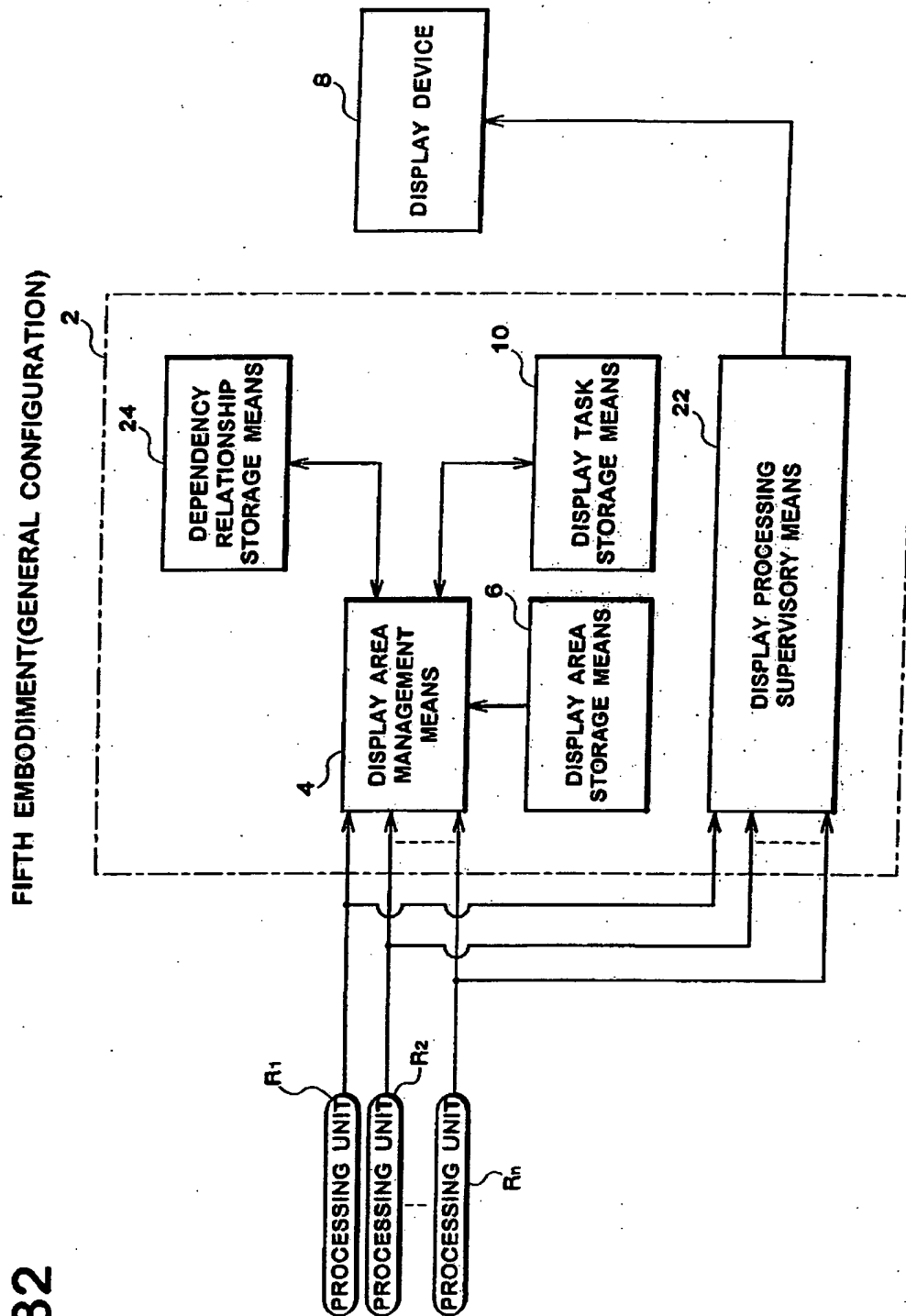
FIG.33

DEPENDENCY RELATIONSHIP TABLE

AREA	AREA TO DEPEND ON	AREA TO BE CHANGED
┆	┆	┆
E 2	E 1	E 3
E 2	E 4	E 3
E 2	E 5	E 3
┆	┆	┆
E 5	E 1	E 4

FIG.36

SIXTH EMBODIMENT(GENERAL CONFIGURATION)

DISPLAY DEVICE

8

2

26 USE RESOURCE STORAGE MEANS

28 USE RESOURCE STORAGE MEANS

4 DISPLAY AREA MANAGEMENT MEANS

6 DISPLAY AREA STORAGE MEANS

10 ACQUISITION STATUS STORAGE MEANS

22 DISPLAY PROCESSING SUPERVISORY MEANS

R1 PROCESSING UNIT

R2 PROCESSING UNIT
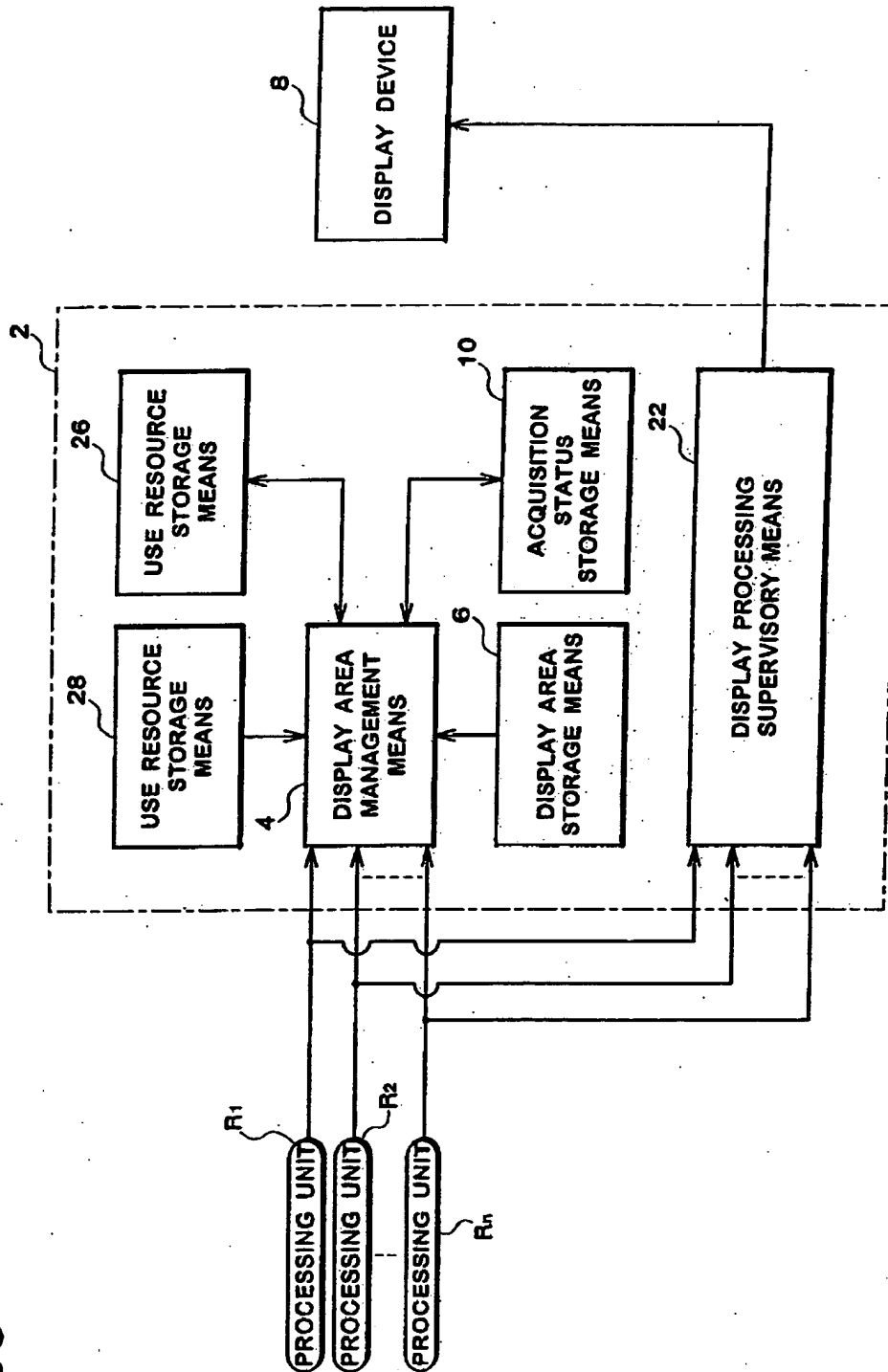
Rn PROCESSING UNIT

FIG.39

SIXTH EMBODIMENT
(FLOW CHART OF ACQUISITION REQUEST PROCESSING)

S701 — DISPLAY AREA ACQUISITION REQUEST

S702 — CHECKS USE STATUS OF DISPLAY AREA

S703 — ALREADY ACQUIRED BY ANOTHER PROCESSING UNIT ? — YES

NO

S704 — EXTRACTS AVAILABLE RESOURCES

S705 — CHECKS USE STATUS OF VAILABLE RESOURCES

S706 — ALREADY USED BY ANOTHER PROCESSING UNIT ? — YES

NO

S710 — RETURNS ACQUISITION FAILURE TO PROCESSING UNIT

S707 — STORES NECESSARY INFORMATION TO ACQUISITION STATUS STORAGE SECTION

S708 — RETURNS KEY NUMBER TO PROCESSING UNIT

S709 — PROCESSING END

FIG.47

DISPLAY AREA DEFINITION TABLE

AREA	ORIGIN COORDINATE	WIDTH	HEIGHT	REMARKS
E1	(0, 0)	340	210	UPPER LEFT HALF SCREEN AREA
E2	(340, 0)	340	210	UPPER RIGHT HALF SCREEN AREA
E3	(0, 210)	680	210	LOWER HALF SCREEN AREA

FIG.48

ACQUISITION RIGHT INFORMATION TABLE

AREA	TASK
E1	T1
E2	T2
E3	T3

FIG.49

EIGHTH EMBODIMENT
(FLOW CHART OF ACQUISITION REQUEST PROCESSING)